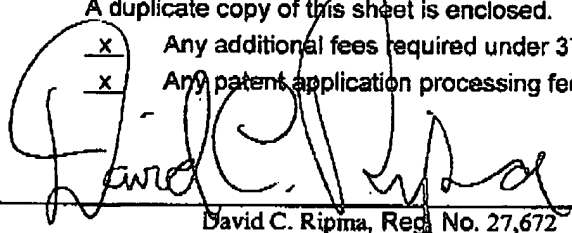
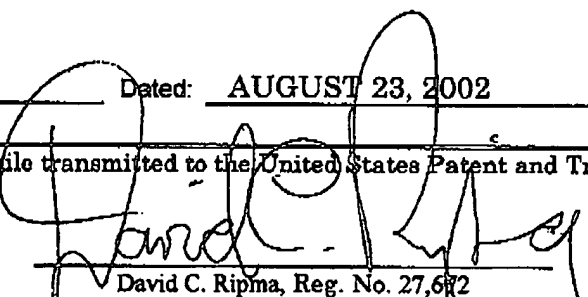


AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Wei Pan, Jer-Shen Maa, David Russell Evans, and Sheng Teng Hsu				Docket No. SLA0493	
Serial No 09/820,068	Filing Date March 28, 2001	Examiner Luhrs, M.	Group Art Unit 2824		
Invention: Method of Barrier Metal Surface Treatment Prior to Cu Deposition to Improve Adhesion and Trench Filling Characteristics					
<u>TO THE COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	13 -	20 =	0	x \$18.00	\$0.00
INDEP. CLAIMS	3 -	3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable) _____					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p>_____ Please charge Deposit Account No. 19-1457 in the amount of \$0.00. A duplicate copy of this sheet is enclosed.</p> <p>_____ A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1457. A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> Any additional fees required under 37 C.F.R. 1.16.</p> <p><input checked="" type="checkbox"/> Any patent application processing fees under 37 C.F.R. 1.17.</p> </div> <div style="width: 35%; text-align: right;"> <p>FAX COPY RECEIVED</p> <p>AUG 23 2002</p> <p>TECHNOLOGY CENTER 2800</p> </div> </div> <div style="margin-top: 20px;"> <p style="text-align: right;">Dated: AUGUST 23, 2002</p> <p style="text-align: center;">  David C. Ripma, Reg. No. 27,672 </p> </div>					
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. §1.8 at Fax No. (703) 872-9318 on August 23, 2002. <div style="text-align: right; margin-top: 10px;">  David C. Ripma, Reg. No. 27,672 </div>					
Note: Each paper must have its own certificate or transmission, or this certificate must identify each submitted paper. The papers submitted include:					
<input checked="" type="checkbox"/> This Amendment Transmittal Letter (Include Duplicate)				2 page(s)	
<input checked="" type="checkbox"/> Response under 37 CFR § 1.111				17 page(s)	
_____ Attachments				0 page(s)	
<input checked="" type="checkbox"/> Petition for Extension of Time under 37 C.F.R. § 1.136 (Include Duplicate)				2 page(s)	
Total pages, including this Transmittal: 21					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	PATENT APPLICATION
)	
Inventors: Wei Pan,)	August 23, 2002
Jer-shen Maa,)	
David R. Evans,)	
Sheng Teng Hsu)	
)	Attorney Docket No.
Serial No.: 09/820,068)	SLA0493
)	
Filed: March 28, 2001)	
)	Group Art Unit 2824
Title: METHOD OF BARRIER)	Examiner: Luhrs, M.
METAL SURFACE)	
TREATMENT PRIOR)	
TO Cu DEPOSITION)	
TO IMPROVE ADHESION)	
AND TRENCH FILLING)	
CHARACTERISTICS)	
)	
)	
)	
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)	

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9/1/02 (ME)
10/16/02

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AUG 23 2002

RESPONSE UNDER 37 C.F.R. § 1.111

TECHNOLOGY CENTER 2800

Hon. Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated February 26,
2002, Applicant submits the following response:

Please amend the application as follows: